

05-13-2003

EV 163 942 445 US

RECC

T



Commissioner of Patents and Trademarks

102445947

31011 U.S. PTO
102445947
06/06/03

1. Name of conveying party(ies): Markus Suhonen Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 City: Fin-02150 Espoo State: ZIP Code: Country: Finland Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Execution Date: April 7, 2003	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: April 7, 2003			
A. Patent Application No.(s): 10,429,493		B. Patent No.(s):	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Harry F. Smith, Esq. Address: Harrington & Smith, LLP 4 Research Drive City: Shelton State: CT ZIP Code: 06484-6212		6. Total number of applications and/or patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account	
		8. Deposit account number: 50-1924	
DO NOT USE THIS SPACE			
9. Statement And Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.</i> Harry F. Smith Name of Person Signing Signature 5/5/03 Date			
Total number of pages including cover sheet(s): 3 Page 1 of 3.			

15/07/003 MARZIL 0000001E 10429493
13 FC 021 40.00 DP

For U.S. and/or Foreign Rights
For U.S. Application or U.S. Patent
For PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No.

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below,
or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

1st ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME	FIRST NAME	MIDDLE NAME
	SUHONEN	Markus	<i>Kalevi</i>
RESIDENCE CITIZENSHIP	STATE OR COUNTRY		CITIZENSHIP
	Finland		Finnish
POST OFFICE ADDRESS	P.O. ADDRESS		CITY & COUNTRY
	Sarkkisentie 6		FIN-90800 Oulu, Finland

Markus Suhonen
7.1.2003

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
Finland

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

for the United States and its territorial possessions

and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

IMPROVED CIRCUIT ARRANGEMENT FOR PHASE LOCKED LOOP, AND PHASE LOCKED LOOP BASED METHOD TO BE USED IN CELLULAR NETWORK TERMINALS

which is found in

 U.S. patent application number _____ filed on _____

 X U.S. Patent Application executed on even date herewith

 X and any legal equivalent thereof in a foreign country,
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal

(1)	<u>Markus Suhonen</u>	<u><i>Markus Suhonen</i></u>	<u>7.4.2003</u>
		Signature	Date
Witnessed by	<u>Kari Aho</u>	<u><i>Kari Aho</i></u>	<u>7.4.2003</u>
		Signature	Date